

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-2. (Canceled)

3. (Currently Amended) The method of ~~Method in accordance with~~ claim 11, wherein the air jet is directed into the cabin from a ceiling area.

4. (Canceled)

5. (Currently Amended) The method of ~~Method in accordance with~~ claim 11, wherein, as the temperature of the air jet rises, its impulse is increased and the angle of the air jet is made smaller.

6.-7. (Canceled)

8. (Currently Amended) The device of ~~Device in accordance with~~ claim 22, wherein the temperature sensor includes a shape memory alloy.

9. (Currently Amended) The device of ~~Device in accordance with~~ claim 22, wherein the temperature sensor has a bi-metallic element.

10. (Currently Amended) ~~The device of~~ Device in accordance with claim 22, further comprising

a second temperature sensor adapted to measure the temperature of the air jet at a location spaced away from the guide pipe.

11. (Currently Amended) ~~A method~~ Method for air-conditioning an aircraft cabin, comprising:

directing at least one air jet into the aircraft cabin with a guide pipe;

measuring the temperature of the air jet with a temperature sensor having a temperature-dependent form;

altering an angle of the air jet with respect to a vertical direction via rotation of a rotation device according to a change of form of the temperature sensor, wherein the angle of the air jet with respect to the vertical direction is steplessly changeable, while the rotation device is rotating, variable within a range of 10° to 90° based on the change of form of the temperature sensor and proportional to the amount of change in the temperature sensed by the temperature sensor over a temperature range of approximately 9°C to 25°C ~~such that, as the temperature of the air jet rises, the angle of the air jet is made smaller;~~ and

altering an impulse of the air jet according to the change of form of the temperature sensor by changing a cross-section of an outlet in communication with the guide pipe.

12.-21. (Canceled)

22. (Currently Amended) A device ~~Device~~ for air-conditioning an aircraft cabin comprising:

a rotation device;

a guide pipe adapted to direct at least one air jet into the aircraft cabin; and

a temperature sensor having a temperature-dependent form, the temperature sensor

operating to:

measure the temperature of the at least one air jet,

actuate rotation of the rotation device to alter an angle of the air jet with respect to

a vertical direction, wherein the angle of the air jet is steplessly changeable, while the

rotation device is rotating, variable within a range of 40° to 90° based on the change of

form of the temperature sensor and proportional to the amount of change in the

temperature sensed by the temperature sensor over a temperature range of approximately

9°C to 25°C, such that, as the temperature of the air jet rises, the angle is made smaller,

and

alter an impulse of the air jet according to the change of form of the temperature

sensor by actuating a change in the cross-section of an outlet in communication with the

guide pipe.

23. (New) The method of claim 11, wherein the angle of the air jet is altered within a range of 10° to 90° in proportion to the change in temperature sensed by the temperature sensor for the temperature range of approximately 9°C to 25°C.

24. (New) The device of claim 22, wherein the temperature sensor is operable to alter the angle of the air jet within a range of 10° to 90° in proportion to the change in temperature sensed by the temperature sensor for the temperature range of approximately 9°C to 25°C.